

CLAIMS

What is claimed is:

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1. A method of treating gastroparesis in a patient suffering therefrom which comprises administering to said patient an effective amount of a GLP-1 compound.

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2. The method of claim 1 wherein the patient also suffers from diabetes.

3. The method of Claim 2 wherein the patient suffers from type 2 diabetes.

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4. The method of any one of Claims 1 to 3 wherein the GLP-1 compound is selected from the group consisting of GLP-1(7-36)amide, GLP-1(7-37), GLP-1 analogs, and GLP-1 derivatives.

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5. The method of any one of Claims 1 to 3 wherein the GLP-1 compound is selected from the group consisting of: Exendin-4, Exendin-4 analogs, and Exendin-4 derivatives.

6. The method of any one of Claims 1 to 3 wherein the GLP-1 compound is an agonist of the GLP-1 receptor.

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7. The method of any one of Claims 1 to 3 wherein the GLP-1 compound is a DPP-IV resistant analog.

8. The method of Claim 7 wherein the GLP-1 compound is a GLP-1 analog or derivative having glutamic acid at position 22.

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9. The method of Claim 7 wherein the GLP-1 compound is a GLP-1 analog having valine or glycine at position 8.

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10. The method of any one of Claims 1 to 3 wherein the GLP-1 compound is a GLP-1 derivative.

5 11. The method of Claim 10 wherein the GLP-1 derivative is an acylated GLP-1 analog.

12. The method of Claim 11 wherein the GLP-1 derivative is Arg³⁴Lys²⁶-(N- ϵ -(γ -Glu(N- α -hexadecanoyl))) -GLP-1(7-37).

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13. The method of any one of Claims 1 to 12 wherein the GLP-1 compound is administered by subcutaneous injection.

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14. The method of any one of Claims 1 through 12 wherein the GLP-1 compound is administered orally.

15. The method of any one of Claims 1 through 12 wherein the GLP-1 compound is administered by buccal administration.

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16. The use of a GLP-1 compound in the manufacture of a medicament for the treatment of gastroparesis.

17. The use of a GLP-1 compound in the manufacture of a medicament for the method as claimed in any one of Claims 1 through 15.

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